

CEILING MOUNTED CASSETTE

STANDARD INVERTER (R410A)

CT09
CT12
CT18



UU09W
UU12W



UU18W



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : www.eurovent-certification.com

INDOOR				CT09 NR2	CT12 NR2	CT18 NQ4
Capacity	Cooling	Min / Nom / Max	kW	1.0 / 2.5 / 2.8	1.4 / 3.4 / 3.7	2.0 / 5.0 / 5.5
	Heating	Min / Nom / Max	kW	1.2 / 3.0 / 3.3	1.6 / 4.0 / 4.4	2.2 / 5.8 / 6.8
Low Temperature Capacity	Heating -7°C	Max	kW	2.7	3.6	4.9
		Nom	kW	0.75	1.06	1.56
Power Input (Set)	Cooling	Nom	kW	0.81	1.10	1.66
	Heating	Nom	kW	0.81	1.10	1.66
Power Input (Indoor)		Nom	W	20	20	40
Running Current	Cooling / Heating	Nom	A	3.3 / 3.5	4.61 / 4.78	7.1 / 7.5
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.33	3.21	3.22
COP				3.70	3.64	3.62
SEER				5.11	5.61	6.10
SCOP				3.81	3.91	4.25
Pdesign (@ -10°C)			kW	2.8	3.0	4.1
Seasonal Energy Label	Cooling / Heating (A++ to E Scale)			A / A	A+ / A	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	172 / 1,032	213 / 1,077	287 / 1,351
	Liquid		mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
Piping Connection	Gas		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25
	Air Flow Rate	High / Medium / Low	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36
Sound Power	Cooling	Max	dBA	48	51	57
Dehumidification Rate			l/h	1.4	1.7	2.1
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570
Net Weight	Body		kg	14.0	14.0	15.3
	Model			PT-UQC, PT-QCHW0		
Decoration Panel	Color			Morning Fog (RAL 120-4)		
	Dimensions	W x H x D	mm	700 x 22 x 700, 620 x 20 x 620		
	Weight		kg	3.0		

OUTDOOR				UU09W ULD	UU12W ULD	UU18W UE4
Compressor	Type			Rotary	Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	32	32	50
Sound Pressure	Cooling	Nom	dBA	47	47	47
	Heating	Nom	dBA	48	48	52
Sound Power	Cooling	Max	dBA	56	57	63
Dimensions	W x H x D		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320
Net Weight			kg	32.0	32.0	44.6
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,000	1,000	1,300
	Additional Charge		g/m	20	20	20
	GWP			2,087.5	2,087.5	2,087.5
	TCO2eq			2.1	2.1	2.7
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-10 - 43	-10 - 43	-15 - 48
	Heating	Min - Max	°C WB	-18 - 18	-18 - 18	-18 - 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15	20
Piping Length Total		Min - Max	m	5-15	5-15	5-30
Piping Elevation Difference	IDU - ODU	Max	m	10	10	30
Piping Connection	Liquid		mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
 2. Definition of Power Input Nominal conditions - Performance tested under EN14511
 3. Capacities are based on the following conditions:
 Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
 4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
 5. This product contains fluorinated greenhouse gases (R410A)

STANDARD INVERTER (R410A)

CT24
UT30



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INDOOR				CT24 NP4	UT30 NP4
Capacity	Cooling	Min / Nom / Max	kW	2.8 / 6.8 / 7.8	3.2 / 8.0 / 8.8
	Heating	Min / Nom / Max	kW	3.2 / 8.0 / 8.8	3.6 / 9.0 / 9.9
Low Temperature Capacity	Heating -7°C	Max	kW	7.2	8.1
		Nom	kW	2.00	2.49
Power Input (Set)	Cooling	Nom	kW	2.22	2.72
	Heating	Nom	kW	2.22	2.72
Power Input (Indoor)		Nom	W	60	80
Running Current	Cooling / Heating	Nom	A	8.9 / 9.7	10.8 / 11.8
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50
EER				3.70	3.21
COP				3.62	3.31
SEER				6.80	6.30
SCOP				4.20	4.00
Pdesign (@ -10°C)			kW	6.3	6.8
Seasonal Energy Label	Cooling / Heating (A++ to E Scale)			A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	350 / 2,110	444 / 2,380
	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
	Air Flow Rate	High / Medium / Low	m³/min	17.0 / 15.0 / 13.0	19.0 / 17.0 / 15.0
Sound Pressure	Cooling	High / Medium / Low	dBA	38 / 36 / 34	40 / 37 / 35
Sound Power	Cooling	Max	dBA	57	58
Dehumidification Rate			l/h	2.4	2.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840
Net Weight	Body		kg	20.5	20.5
	Model			PT-UMC1	
Decoration Panel	Color			Morning Fog (RAL 120-4)	
	Dimensions	W x H x D	mm	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0

OUTDOOR				UU24W U44	UU30W U44
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	58	58
Sound Pressure	Cooling	Nom	dBA	48	48
	Heating	Nom	dBA	52	52
Sound Power	Cooling	Max	dBA	67	68
Dimensions	W x H x D		mm	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	56.1	58.0
Refrigerant	Type			R410A	R410A
	Charge		g	2,000	2,000
	Additional Charge		g/m	40	40
	GWP			2,087.5	2,087.5
	TCO2eq			4.2	4.2
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-15 - 48	-15 - 48
	Heating	Min - Max	°C WB	-18 - 18	-18 - 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	25	25
Piping Length Total		Min - Max	m	5 - 50	5 - 50
Piping Elevation Difference	IDU - ODU	Max	m	30	30
Piping Connection	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)

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